

# Regional Equity Atlas

The Portland Metro Region's Geography of Opportunity



[equityatlas.org](http://equityatlas.org)

[clfuture.org](http://clfuture.org)

## Regional Equity Atlas 2.0 Indicators

The Coalition for a Livable Future's Regional Equity Atlas is a major research and education project to promote widespread opportunity for a stronger, healthier, and more sustainable Portland-Vancouver metropolitan region.

The Regional Equity Atlas 2.0 includes an online mapping tool and interpretive website that enable us to understand how well different neighborhoods and populations across the region are able to access the resources and opportunities necessary for meeting their basic needs and advancing their health and well-being. Through the use of high quality maps and data, the Atlas provides a visual depiction of disparities and illuminates how the benefits and burdens of growth and change are distributed across the region.

All of the indicators listed below are available to be mapped in the Regional Equity Atlas 2.0 online mapping tool, which can be accessed at [www.equityatlas.org](http://www.equityatlas.org).

### Demographic Indicators

#### Population Density

- Residential Density (Residents by Acre), 2010 (Heatmap)
- Total Population Density (Residents + Employees by Acre), 2010 (Heatmap)
- Employee Density (Employees by Acre), 2010 (Heatmap)

#### Age

- Age 0-17 (Density by Acre), 2010 (Heatmap)
- Age 0-5 (Density by Acre), 2010 (Heatmap)
- Age 5-17 (Density by Acre), 2010 (Heatmap)
- Age 18-44 (Density by Acre), 2010 (Heatmap)
- Age 45-64 (Density by Acre), 2010 (Heatmap)
- Age 65 and Over (Density by Acre), 2010 (Heatmap)

#### Race and Ethnicity

- Populations of Color (Density by Acre), 2010 (Heatmap)
- Percent Change Populations of Color, 2000-2010 (Census Tracts)
- African American (Density by Acre), 2010 (Heatmap)
- Asian (Density by Acre), 2010 (Heatmap)
- Hispanic (Density by Acre), 2010 (Heatmap)
- Hawaiian or Pacific Islander (Density by Acre), 2010 (Heatmap)
- Native American or Alaskan Native (Density by Acre), 2010 (Heatmap)

#### Income

- Median Income, 2006-2010 estimate (Census Tracts)
- Percent Change in Median Income, 2000 to 2006-2010 estimate (Census Tracts)
- Percent Households below Poverty Level, 2006-2010 estimate (Census Tracts)
- Percent Students Eligible for Free or Reduced Price Lunch (by school), 2011-2012 (Points)

#### Household Composition

- Households With No Children (Density by Acre), 2010 (Heatmap)
- Families With Children (Density by Acre), 2010 (Heatmap)
- Single Parent Families (Density by Acre), 2010 (Heatmap)

# Regional Equity Atlas 2.0 Indicators

## Immigrants

- Percent Foreign Born, 2006-2010 estimate (PUMA)
- Percent Recent Immigrants (2000 and later), 2006-2010 estimate (PUMA)
- Percent Households with Low English Proficiency, 2006-2010 estimate (PUMA)

## Veterans

- Percent Veterans, 2006-2010 estimate (PUMA)

## Population Overlays

- Above Regional Average Percent Populations of Color, 2010 (Census Tracts)
- Above Regional Average Percent Populations in Poverty, 2010 (Census Tracts)
- Below Regional Median Income, 2010 (Census Tracts)
- Above Regional Average Percent Youth (ages 0-17), 2010 (Census Tracts)
- Above Regional Average Percent Seniors (ages 65+), 2010 (Census Tracts)

## Access Indicators

### Community

- Proximity to Community Spaces and Indoor Gathering Places, 2010 (Heatmap)
- Proximity to Civic and Community Organizations, 2010 (Heatmap)
- Proximity to Arts and Culture Institutions, 2010 (Heatmap)
- Proximity to Public Libraries, 2012 (Heatmap)
- Proximity to Faith-Based Institutions, 2010 (Heatmap)
- Community Stability – Density of Housing Vacancies, 2010 (Heatmap)

### Democratic Participation

- Voter Registration Numbers, 2012 (Block Group)
- Voter Participation Rates (voted in last 3 primaries), 2011 (Block Group)
- Voter Participation Rates (voted in last 3 general elections), 2011 (Block Group)

### Economic Opportunity

- Transit Access to Family Wage Jobs (up to 60 minutes travel time), 2012 (Heatmap)
- Transit Access to Family Wage Jobs (up to 90 minutes travel time), 2012 (Heatmap)
- Transportation to Jobs, 2013 (Transportation Analysis Zones)
- Locations of Workforce Training and Employment-Related Services, 2012 (Points)
- Adult Educational Attainment:
  - Percent with 9-12th Grade, no Diploma, 2006-2010 estimate (PUMA)
  - Percent with High School Diploma, 2006-2010 estimate (PUMA)
  - Percent with BA/ BS Degree, 2006-2010 estimate (PUMA)
  - Percent with Professional/ Graduate Degree, 2006-2010 estimate (PUMA)

### Education

- Proximity to Nearest Elementary School, 2012 (Heatmap)
- Proximity to Headstart and Licensed Child Care Centers, 2012 (Heatmap)
- Percent Students Eligible for Free or Reduced Price Lunch (K-12), 2011-2012 (Points)
- Percent Minority Students (K-12), 2011-2012 (Points)
- Number Languages Spoken (K-12, Oregon only), 2010-2011 (Points)
- Schools Meeting/ Not Meeting Adequate Yearly Progress (AYP), 2011-2012 (Points)
- Percent Students Meeting State Benchmarks for 3rd Grade Reading, 2011-2012 (Points)
- Average Class Size (Elementary), 2011-2012 (Points)
- Percent Graduation Rate (High School), 2011-2012 (Points)
- Average Teacher Experience, 2011-2012 (Points)
- Availability of Advanced Placement/ International Baccalaureate Courses per School (High School, Oregon only), 2011-2012 (Points)
- Availability of Arts/ Media Classes per School (Oregon only), 2011-2012 (Points)

# Regional Equity Atlas 2.0 Indicators

## Food

- Proximity to Supermarkets and Grocery Stores, 2010 (Heatmap)
- Proximity to Farmers' Markets and Produce Stands, 2010 & 2012 (Heatmap)
- Proximity to Typical Sources of Unhealthy Food (liquor stores, convenience stores, fast food restaurants), 2010 (Heatmap)
- Proximity to Supplemental Food Programs (food pantries and summer food sites), 2012 (Heatmap)
- Proximity to Food Stores and Farmers' Markets Accepting WIC, 2012 (Heatmap)
- Proximity to Food Stores and Farmers' Markets Accepting SNAP, 2012 (Heatmap)
- Locations of Community Gardens, 2012 (Points)

## Health Care

- Proximity to Primary Care Facilities (including family medicine, pediatricians, and obstetrics), 2010 & 2012 (Heatmap)
- Health Care Providers that Accept Medicaid, 2007 (Zip Code)
- Health Care Providers that Accept Medicare, 2007 (Zip Code)
- Locations of Community, Public, and School-Based Health Clinics for Uninsured and Low-Income Patients, 2012 (Points)
- Rate of First Trimester Pre-Natal Care, 2006-2010 (2000 Census Tracts)
- Rate of Well-Child Visits 3-6 years, 2011 (Census Tracts and Neighborhoods)
- Rate of Potentially Avoidable Emergency Department Visits by Adults, 2011 (Census Tracts and Neighborhoods)

## Healthy Environment

- Air Quality: Number of Times Levels Above Benchmark:
  - All Sources (Modeled for Year 2017), 2005-2010 (Polygon)
  - Road Sources (Modeled for Year 2017), 2005-2010 (Polygon)
  - Non-Road Sources (Modeled for Year 2017), 2005-2010 (Polygon)
  - Residential Wood Burning (Modeled for Year 2017), 2005-2010 (Polygon)
  - Point Sources (Modeled for Year 2017), 2005-2010 (Polygon)
  - Area Sources (Modeled for Year 2017), 2005-2010 (Polygon)
- Green Infrastructure (data available for Portland only), 2002, 2007, 2012, 2013 (Heatmap)

## Housing

- Median Home Value (sales price), 2010-2011 (Census Tracts)
- Percent Change in Median Home Value, 2000-2010 (Census Tracts)
- Median Rental Cost (two bedroom units), 2012 (Zip Code)
- Minority Home Ownership Gap, 2010 (Block Group)
- Location of Publicly-Subsidized Affordable Housing, 2011 (Points)
- Housing Purchasing Power, 2010-2011 (Census Tracts)
- Foreclosures (Percent Notice of Transfer Sale), 2011 (Zip Code)
- Density of Single Story Housing and Elevator Buildings as Proxy for Housing Accessibility, 2012 (Heatmap)
- Housing and Transportation Cost Burden, 2000-2005 (MetroScope Housing Needs Analysis Subareas)
- Housing Cost Burden:
  - Percent Renters Spending Over 35% of Income on Housing, 2006-2010 estimate (PUMA)
  - Percent Owners (without mortgage) Spending over 35% of Income on Housing, 2006-2010 estimate (PUMA)
  - Percent Owners (with mortgage) Spending over 35% of Income on Housing, 2006-2010 estimate (PUMA)
- Access to Home Loans:
  - Number of Applications for Conventional Loans, 2010-2011 (2000 Census Tracts)
  - Number of Applications for FHA Loans, 2010-2011 (2000 Census Tracts)
  - Home Loan Denials (White), 2010-2011 (2000 Census Tracts)
  - Home Loan Denials (Non-White), 2010-2011 (2000 Census Tracts)
  - Home Loan Denials (All), 2010-2011 (2000 Census Tracts)
- Home Owners (Density per Acre), 2010 (Heatmap)
- Renters (Density per Acre), 2010 (Heatmap)
- Vacant Units (Density per Acre), 2010 (Heatmap)

# Regional Equity Atlas 2.0 Indicators

## Parks and Natural Areas

- Proximity to Publicly Accessible Parks, 2012 (Heatmap)
- Proximity to Publicly Accessible Natural Areas, 2012 (Heatmap)
- Proximity to Greenspaces with Limited Public Access, 2012 (Heatmap)
- Proximity to Water Access Points, 1989 & 2003 (Heatmap)
- Proximity to Recreation Facilities, 2012 (Heatmap)

## Services and Amenities

- Proximity to Financial Services, 2010 (Heatmap)
- Proximity to Key Retail Services, 2010 (Heatmap)
- Proximity to Public Services, 2010 & 2012 (Heatmap)
- Proximity to Human and Social Services, 2010 (Heatmap)

## Transportation

- Transit Access, 2012 (Heatmap)
- Bikability, 2012 (Heatmap)
- Walkability - Sidewalk Density, 2012 (Heatmap)
- Mobility Access (para-transit lift requests and ramp deployments), 2012 (Heatmap)
- Percent Households with No Motorized Vehicle, 2006-2010 estimate (PUMA)
- Average Commute Time to Work (minute), 2006-2010 estimate (PUMA)
- Mode of Commute to Work:
  - Percent Workers Commute by Public Transit, 2006-2010 estimate (PUMA)
  - Percent Workers Commute by Car, 2006-2010 estimate (PUMA)
  - Percent Workers Commute by Walking, 2006-2010 estimate (PUMA)
  - Percent Workers Commute by Other Means (including Biking), 2006-2010 estimate (PUMA)
- Public Transit Stop Safety Amenities – Curbscuts, 2012 (Points)
- Public Transit Stop Safety Amenities – Sidewalks, 2012 (Points)
- Transportation Safety:
  - ODOT Crash Data (fatalities), 2011 (Points)
  - ODOT Crash Data (car-car incidents), 2011 (Points)
  - ODOT Crash Data (car-pedestrian incidents), 2011 (Points)
  - ODOT Crash Data (car-bicycle incidents), 2011 (Points)

## Health Outcome Indicators

- Obesity (Body Mass Index), 2003-2010 (Block Group)
- Rate of Pre-Term Births, 2006-2010 (2000 Census Tracts)
- Rate of Low Weight Births, 2006-2010 (2000 Census Tracts)
- Rate of Asthma, 2011 (Census Tracts and Neighborhoods)
- Rate of Diabetes, 2011 (Census Tracts and Neighborhoods)
- Rate of Cardiovascular Disease, 2011 (Census Tracts and Neighborhoods)